

Test Data

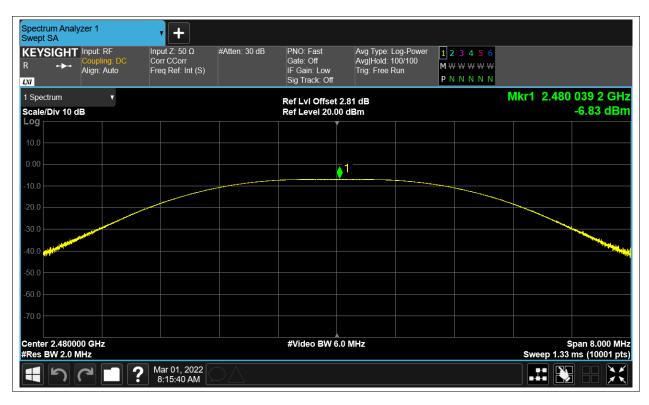
Maximum Conducted Output Power

Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-6.525	0	-6.525	30	Pass
NVNT	BLE	2442	Ant1	-7.622	0	-7.622	30	Pass
NVNT	BLE	2480	Ant1	-6.833	0	-6.833	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	1.165	0.5	Pass
NVNT	BLE	2442	Ant1	1.179	0.5	Pass
NVNT	BLE	2480	Ant1	1.174	0.5	Pass





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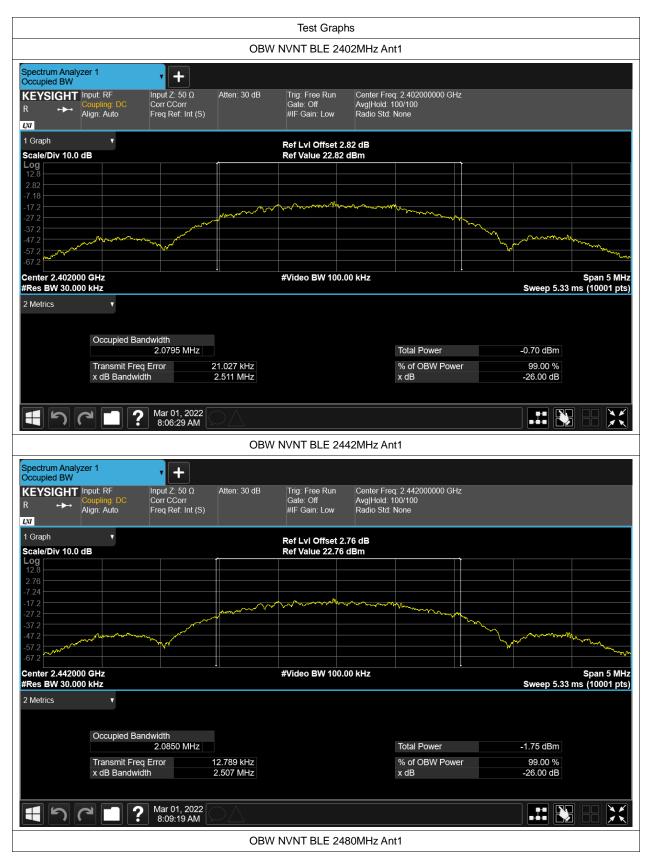




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	2.079537797
NVNT	BLE	2442	Ant1	2.085018841
NVNT	BLE	2480	Ant1	2.081097717





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Maximum Power Spectral Density Level

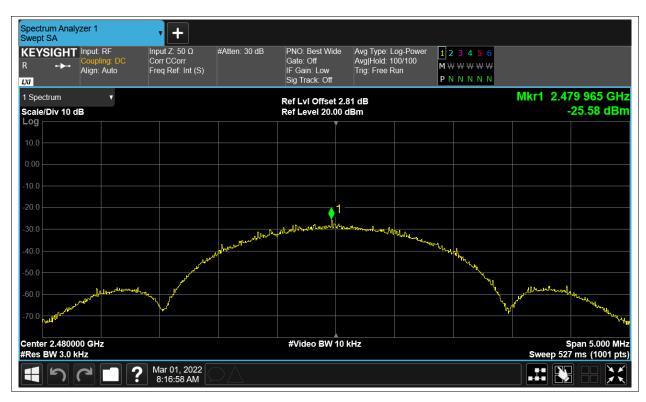
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-25.153	8	Pass
NVNT	BLE	2442	Ant1	-26.366	8	Pass
NVNT	BLE	2480	Ant1	-25.583	8	Pass





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Band Edge

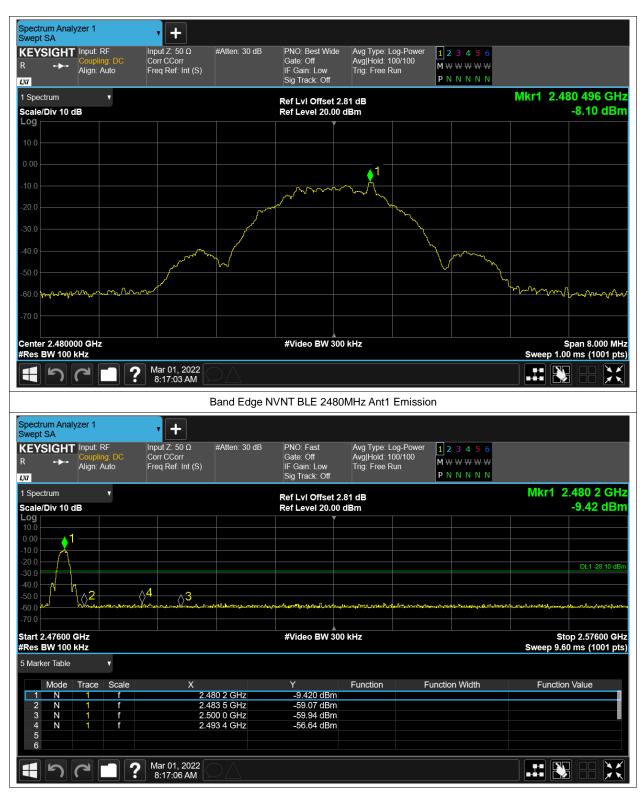
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.81	-20	Pass
NVNT	BLE	2480	Ant1	-48.54	-20	Pass





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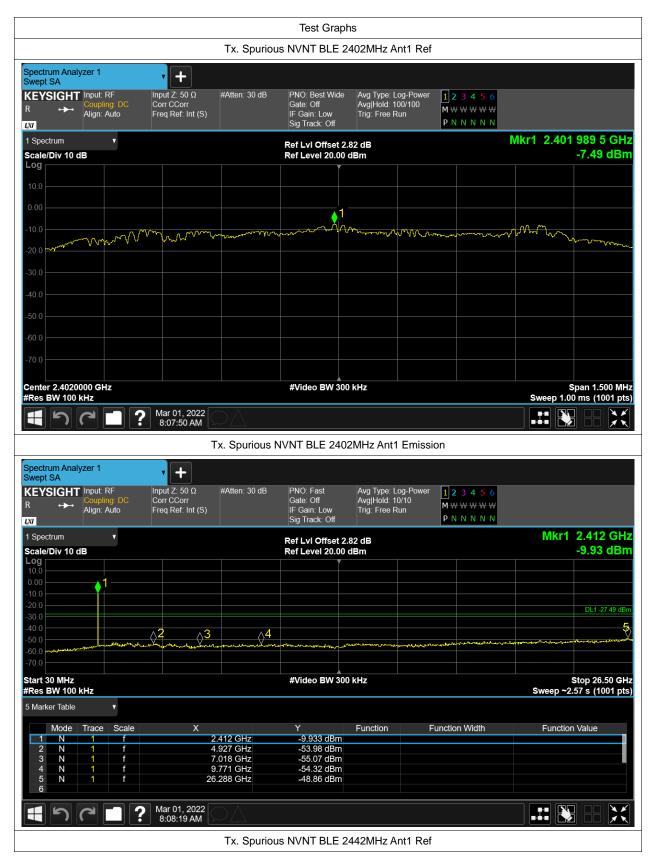




Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-41.37	-20	Pass
NVNT	BLE	2442	Ant1	-39.69	-20	Pass
NVNT	BLE	2480	Ant1	-40.87	-20	Pass





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Report No.: JYTSZ-R12-2200316

Spectrum Analyzer 1 Swept SA	• +							
KEYSIGHT Input: RF R ↔ Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	e Avg Type: L Avg Hold: 1 Trig: Free F	00/100 Run	2 3 4 5 6 ₩₩₩₩₩₩ N N N N N		
1 Spectrum ▼ Scale/Div 10 dB			Ref LvI Offset : Ref Level 20.00				Mkr1 2.442	004 5 GHz -8.88 dBm
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-30.0								
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-70.0								
Center 2.4420000 GHz #Res BW 100 kHz			#Video BW 30	00 kHz				pan 1.500 MHz) ms (1001 pts)
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	Т	x. Spurious N	IVNT BLE 244	42MHz Ant1	I Emission			
Spectrum Analyzer 1 Swept SA	• +							
KEYSIGHT Input: RF R ↔ Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 1 Trig: Free F	0/10 Run M	2 3 4 5 6 ₩₩₩₩₩₩ N N N N N		
1 Spectrum v							Mkr1	0.420 011-
			Ref LvI Offset 20.00					2.439 GHz 11.13 dBm
Scale/Div 10 dB			Ref LvI Offset 2 Ref Level 20.00					2.439 GHZ 11.13 dBm
Log 10.0 0.00 -10.0								
Log 10.0 -10.0 -20.0 -30.0								
Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0								11.13 dBm
Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0	§ ² 3	<u>4</u>	Ref Level 20.00) dBm				11.13 dBm
Log 10.0 -10.0 -20.0 -30.0 -30.0 -40.0 -50.0 -60.0	2 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>4</u>) dBm				11.13 dBm
Log 10.0 .00 .00 .00 .00 .00 .00 .0		4 	Ref Level 20.00) dBm " ^{",, 1}			hour Inclusion of the state of	11.13 dBm DL1-28 88 dBm
Log 10.0 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0 -50.0 -50.0 -70.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table Mode Trace Scale 1 N 1 f	X 2	439 GHz	Ref Level 20.00 #Video BW 30) dBm 	Func	tion Width		11.13 dBm DL1-28 88 dBm
Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -70.0	X 2 4 7 9	439 GHz 768 GHz 203 GHz 639 GHz	Ref Level 20.00 #Video BW 30 Y -11.13 dBm -54.72 dBm -54.72 dBm) dBm 	Func	tion Width	hour Inclusion of the state of	11.13 dBm DL1-28 88 dBm
Log 10.0 .0000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000	X 2 4 7 9	439 GHz 768 GHz 203 GHz	Ref Level 20.00 #Video BW 30) dBm 	Func	tion Width	hour Inclusion of the state of	11.13 dBm DL1-28 88 dBm
Log 10.0 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0 -50.0 -70.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table V Mode Trace Scale 1 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	X 2 4 7 9 26	439 GHz 768 GHz 203 GHz 639 GHz	Ref Level 20.00 #Video BW 30 Y -11.13 dBm -54.72 dBm -54.72 dBm) dBm 	Func	tion Width	hour Inclusion of the state of	11.13 dBm



